

POWER OF ATTORNEY BY ASSIGNEE TO EXCLUSION OF INVENTOR
UNDER 37 C.F.R. § 3.71 WITH REVOCATION OF PRIOR POWERS

The undersigned ASSIGNEE of the entire interest in:

- U.S. Patent No.
 U.S. Application filed herewith, entitled "ION BINDING COMPOSITIONS,"
 Attorney Docket No.: 29329-715.202

hereby appoints the following attorneys of Wilson Sonsini Goodrich & Rosati:

| Attorney Name | Reg. No. | Attorney Name | Reg. No. |
|-----------------|----------|-------------------|----------|
| Vern Norviel | 32,483 | Scott Morris | 43,818 |
| James Shay | 32,062 | Maya Skubatch | 52,505 |
| Michael Barclay | 32,553 | Nicole Fortuné | 52,905 |
| Michael Murphy | 37,404 | Shirley Chen | 44,608 |
| U.P. Peter Eng | 39,666 | Julie Holloway | 44,769 |
| Benjamin Glenn | 44,713 | Kevin Sin | 43,110 |
| George Willman | 41,378 | Michael Panepucci | 37,203 |
| Anie Roche | 50,512 | | |

and all Wilson Sonsini Goodrich & Rosati attorneys registered to practice before the United States Patent and Trademark Office, to prosecute this application and transact all business in the United States Patent and Trademark Office in connection therewith and hereby revokes all prior powers of attorney; said appointment to be to the exclusion of the inventors and the inventors' attorneys in accordance with the provisions of 37 C.F.R. § 3.71.

The following evidentiary documents establish a chain of title from the original owner to the Assignee:

(complete one of the following)

- a copy of an Assignment attached hereto, which Assignment for the Application is herewith forwarded to the Patent and Trademark Office for recording; or
 the Assignment recorded on ____ at reel ___, frames _____.

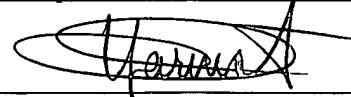
Pursuant to 37 C.F.R. § 3.73(b) the undersigned Assignee hereby states that evidentiary documents have been reviewed and hereby certifies that, to the best of ASSIGNEE's knowledge and belief, title is in the identified ASSIGNEE.

Direct all correspondence and telephone calls to:

| | | | | | | |
|---------|------------------------------------|-----------|----------------|-----|----------------|----------------------|
| Name | Anie K. Roche | | | | | |
| Address | Wilson Sonsini Goodrich and Rosati | | | | | |
| Address | 650 Page Mill Road | | | | | |
| City | Palo Alto | State | CA | Zip | 94304 | Customer No.: 021971 |
| Country | USA | Telephone | (650) 493-9300 | Fax | (650) 493-6811 | |

ASSIGNEE: SYMYX THERAPEUTICS, INC.

Name: Dominique Charmot

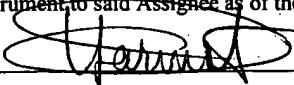
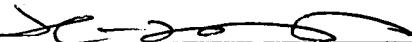
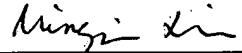


Signature

Title: Director, Chemistry

Date: 03/22/04

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| ASSIGNMENT OF APPLICATION | | Docket Number 29329-715.202 |
|---|--|-----------------------------|
| <p>Whereas, the undersigned:</p> <p>1. CHARMOT, Dominique Campbell, CA 2. FORDTRAN, John Dallas, TX 3. CHANG, Han Ting Livermore, CA 4. CONNOR, Eric Los Gatos, CA</p> <p>5. LIU, Mingjun Santa Clara, CA 6. KLAERNER, Gerrit San Jose, CA</p> <p>hereinafter termed "Inventors", have invented certain new and useful improvements in</p> <p style="text-align: center;">ION BINDING COMPOSITIONS</p> <p><input checked="" type="checkbox"/> for which an application for United States Patent is filed herewith. <input type="checkbox"/> for which a United States Patent issued on ___, U.S. Patent No. ___.</p> <p>WHEREAS, Symyx Therapeutics, Inc., a corporation of the State of California, having a place of business at 3100 Central Expressway, Santa Clara, CA 95051, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.</p> <p>NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:</p> <p>1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.</p> <p>2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.</p> <p>3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.</p> <p>4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.</p> <p>IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the dates written below:</p> <p>Date: <u>03/22/04</u>  CHARMOT</p> <p>Date: _____ FORDTRAN</p> <p>Date: <u>03/22/04</u>  CHANG</p> <p>Date: <u>03/22/04</u>  CONNOR</p> <p>Date: <u>03/22/04</u>  LIU</p> <p>Date: <u>3/22/04</u>  KLAERNER</p> | | |

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ASSIGNMENT OF APPLICATION

Docket Number 29329-715.202

Whereas, the undersigned:

- | | | | |
|---------------------------------------|-------------------------------------|-------------------------------------|----------------------------------|
| 1. CHARMOT, Dominique Campbell, CA | 2. FORDTRAN, John Dallas, TX | 3. CHANG, Han Ting Livermore, CA | 4. CONNOR, Eric Los Gatos, CA |
| 5. LIU, Mingjun Santa Clara, CA | 6. KLAERNER, Gerrit San Jose, CA | | |

hereinafter termed "Inventors", have invented certain new and useful improvements in

ION BINDING COMPOSITIONS

- for which an application for United States Patent is filed herewith.
 for which a United States Patent issued on ___, U.S. Patent No. ___.

WHEREAS, Symyx Therapeutics, Inc., a corporation of the State of California, having a place of business at 3100 Central Expressway, Santa Clara, CA 95051, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the dates written below:

Date: _____

CHARMOT

Date: 3-24-04

FORDTRAN

Date: _____

CHANG

Date: _____

CONNOR

Date: _____

LIU

Date: _____

KLAERNER

Please type a plus sign (+) inside this box

+

PTO/SB/01 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

Declaration Submitted With Initial Filing Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16(e) required)

| | |
|--------------------------|----------------------------|
| Attorney Docket Number | 29329-715.202 |
| First Named Inventor | CHARMOT, Dominique, et al. |
| <i>COMPLETE IF KNOWN</i> | |
| Application Number | Not Yet Assigned |
| Filing Date | Herewith |
| Art Unit | Not Yet Assigned |
| Examiner Name | Not Yet Assigned |

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

ION BINDING COMPOSITIONS

(Title of the Invention)

the specification of which

is attached hereto

OR

was filed on (MM/DD/YYYY) as United States Application Number or PCT International

Application Number and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or of any PCT international application having a filing date before that of the application on which priority is claimed.

| Prior Foreign Application Number(s) | Country | Foreign Filing Date (MM/DD/YYYY) | Priority Not Claimed | Certified Copy Attached? Yes | Certified Copy Attached? No |
|-------------------------------------|---------|----------------------------------|--------------------------|------------------------------|-----------------------------|
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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+

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DECLARATION — Utility or Design Patent Application

Direct all correspondence to: Customer Number 021971 OR Correspondence address below

Name

Anie K. Roche

Address

Wilson Sonsini Goodrich & Rosati

Address

650 Page Mill Road

City

Palo Alto

State

CA

ZIP

94304

Country

U.S.

Telephone

650-493-9300

Fax

650-493-6811

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR:

A petition has been filed for this unsigned inventor

Given Name
(first and middle [if any])

DOMINIQUE

Family Name
or Surname

CHARMOT

Inventor's Signature

Date

03/22/04

Residence: City
Campbell

State

California

Country

USA

Citizenship

France

Mailing Address

1238 Bracebridge Court

City
Campbell

State

California

ZIP

95008

Country

USA

NAME OF SECOND INVENTOR:

A petition has been filed for this unsigned inventor

Given Name
(first and middle [if any])

JOHN

Family Name
or Surname

FORDTRAN

Inventor's Signature

Date

Residence: City
Dallas

State

Texas

Country

USA

Citizenship

USA

Mailing Address

3508 Hanover Street

City
Dallas

State

Texas

ZIP

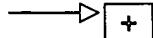
75225

Country

USA

Additional inventors or legal representative are being named on the _____ supplemental sheet(s) PTO/SB/02A or 02LR attached hereto:

Please type a plus sign (+) inside this box



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DECLARATION — Utility or Design Patent Application

| | | | |
|---|---------------------------|---|--|
| Direct all correspondence to: <input checked="" type="checkbox"/> Customer Number | | 021971 | OR <input type="checkbox"/> Correspondence address below |
| Name Anie K. Roche | | | |
| Address Wilson Sonsini Goodrich & Rosati | | | |
| Address 650 Page Mill Road | | | |
| City Palo Alto | | State CA | ZIP 94304 |
| Country U.S. | Telephone 650-493-9300 | Fax 650-493-6811 | |
| I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. | | | |
| NAME OF SOLE OR FIRST INVENTOR: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle [if any]) DOMINIQUE | | Family Name or Surname CHARMOT | |
| Inventor's Signature <i>John S. Charmot</i> | | Date 3-24-04 | |
| Residence: City Campbell | State California | Country USA | Citizenship France |
| Mailing Address 1238 Bracebridge Court | | | |
| City Campbell | State California | ZIP 95008 | Country USA |
| NAME OF SECOND INVENTOR: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle [if any]) JOHN | | Family Name or Surname FORDTRAN | |
| Inventor's Signature <i>John S. Fordtran</i> | | Date 3-24-04 | |
| Residence: City Dallas | State Texas | Country USA | Citizenship USA |
| Mailing Address 3508 Hanover Street | | | |
| City Dallas | State Texas | ZIP 75225 | Country USA |
| <input type="checkbox"/> Additional inventors or legal representative are being named on the _____ supplemental sheet(s) PTO/SB/02A or 02LR attached hereto: | | | |

[Page 2 of 2]

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PTO/SB/02A (08-03)

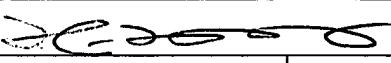
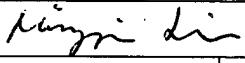
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DECLARATION

ADDITIONAL INVENTOR(S) Supplemental Sheet

Page 3 of 4

| | | | |
|---|---|---|--------------------------------------|
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle (if any)) | | Family Name or Surname | |
| HAN TING | | CHANG | |
| Inventor's Signature |  | | Date <u>03/22/04</u> |
| Residence: City Livermore | State California | Country USA | Citizenship Taiwan |
| Mailing Address 220 Garnet Drive | | | |
| Mailing Address | | | |
| City Livermore | State California | ZIP 94550 | Country USA |
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle (if any)) | | Family Name or Surname | |
| ERIC | | CONNOR | |
| Inventor's Signature |  | | Date <u>22nd March 04</u> |
| Residence: City Los Gatos | State California | Country USA | Citizenship Ireland |
| Mailing Address 859 University Avenue | | | |
| Mailing Address | | | |
| City Los Gatos | State California | ZIP 95032 | Country USA |
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle (if any)) | | Family Name or Surname | |
| MINGJUN | | LIU | |
| Inventor's Signature |  | | Date <u>03/22/04</u> |
| Residence: City Santa Clara | State California | Country USA | Citizenship China |
| Mailing Address 2250 Monroe Street, Apt. 393 | | | |
| Mailing Address | | | |
| City Santa Clara | State California | ZIP 95050 | Country USA |

| | | | |
|---|---|---|------------------------|
| Name of Additional Joint Inventor, if any: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle (if any)) | | Family Name or Surname | |
| GERRIT | | KLAERNER | |
| Inventor's Signature |  | | Date 3/22/04 |
| Residence: City San Jose | State California | Country USA | Citizenship Germany |
| Mailing Address 5456 Fern Drive | | | |
| Mailing Address | | | |
| City San Jose | State California | ZIP 95124 | Country USA |

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.
1-800-786-9199) and select option 2.*